1. Record Nr. UNISA990000120550203316

Autore	Benton, Stanley H., , jr.
Titolo	The Hamilton-Jacobi equation : a global approach / Stanley H. Benton jr.
Pubbl/distr/stampa	New York [etc.] : Academic Press, 1977
Descrizione fisica	XI, 147 p. : graf. ; 23 cm
Collana	Mathematics in science and engineering ; 131
Disciplina	51535
Collocazione	510 MSE 131 (A) 510 MSE 131 (B)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNISA996391141103316

Autore	Marten Henry <1602-1680.>
Titolo	The independency of England endeavored to be maintained by Henry Marten, a member of the Parliament there, against the claim of the Scottish Commissioners, in their late answer upon the bills and propostions sent to the King in the Isle of Wight [[electronic resource]]
Pubbl/distr/stampa	London, : Printed for Peter Cole ..., and John Sweeting ..., 1648
Descrizione fisica	28 p
Soggetti	Great Britain History Civil War, 1642-1649 Scotland Politics and government 1625-1649
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Reproduction of original in Huntington Library.

Sommario/riassunto	eebo-0113

3. Record Nr. UNINA9910298335203321

Titolo	Molecular Genetics of Dysregulated pH Homeostasis / / edited by Jen-Tsan Ashley Chi
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2014
ISBN	1-4939-1683-1
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (158 p.)
Disciplina	571.6 599935 610 611.01816
Soggetti	Human genetics Cytology Medicine Human Genetics Cell Biology Biomedicine, general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of eah chapters and index.
Nota di contenuto	Molecular Genetics of Acid Sensing and Response -- Part I: Sensing Acidity -- The molecular mechanism of cellular sensing of acidity -- The Molecular Basis of Sour Sensing in Mammals -- Function and Signaling of the pH-sensing G protein-coupled receptors in physiology and diseases -- Part II: Response to Acidity -- The MondoA-TXNIP checkpoint couples the acidic tumor microenvironment to cell metabolism -- Regulation of Renal Glutamine Metabolisms during Metabolic Acidosis -- Extracellular acidosis and cancer -- The genomic analysis of cellular responses and adaptions to extracellular acidosis -- Index.

Sommario/riassunto

Most biological reactions and functions occur within a narrow range of pH. Any changes in the pH have great impacts on the biological function at every level, including protein folding, enzymatic activities and proliferation, and cell death. Therefore, maintaining the pH homeostasis at the local or systemic level is one of the highest priorities for all multicellular organisms. Many redundant mechanisms are in place to maintain the pH homeostasis, a topic that is well covered in scientific literature and in medical textbooks. However, when the pH homeostasis is disrupted in various physiological adaptations and pathological situations, resulting acidity may trigger significant pathophysiological events, and modulate disease outcomes. Therefore, understanding how various cells sense and react to acidity have broad impact in a wide variety of human diseases including cancer, stroke, myocardial infarction, diabetes, and renal and infectious diseases. In this book, many investigators have summarized the molecular genetics on the detailed mechanisms by which different mammalian cells sense and respond to acidity. These chapters cover the acidity with broad impact in biological understanding and human diseases and review various sensing mechanisms and cellular responses to pH alterations in both physiological (taste, pain) and pathological (ischemia and cancers) settings. Furthermore, the authors present a broad spectrum of investigative approaches to cellular response to acidosis in a wide variety of human diseases.